ANALYTICA CHIMICA ACTA, VOL 197 (1987)

AUTHOR INDEX

Agterdenbos, J., see Narsito 315
Alexander, P. W.
— and Koopetngarm, J.
Flow-injection determination of phosphate species in detergents with a calcium ion-selective electrode 353
Al-Hajjaji, M. A.
Spectrophotometric and spectrofluorimetric determination of iodide by extraction of ICl_2^- with rhodamine B 281

Balls, P. W.
Atomic absorption spectrometric/hydride generation determination of tributyltin and dibutyltin in sea water at the nanogram per litre level 309
Batley, G. E., see Low, G. K.-C. 327
Bauer, B.
— and Floyd, T. A.
Monitoring of glucose in biological fluids by Fourier-transform infrared spectrometry with a cylindrical internal reflectance cell 295
Boitieux, J. L.
—, Groshemy, R., Thomas, D. and Ergan, F.
Reversible immobilization of an antibody with a thiol-substituted sorbent. Application to enzyme immunoassays 229
Bradshaw, S.
—, Gascoigne, A. J., Headridge, J. B. and Moffett, J. H.
Determination of copper in natural waters by atom-trapping atomic absorption spectrometry after liquid/liquid extraction 323
Buchanan, S. J., see Low, G. K.-C. 327
Burns, D. T.
— and Tungkananuruk, N.
Spectrophotometric determination of bismuth after extraction of hexadecyltributylphosphonium tetraiodobismuthate(III) by microcrystalline benzophenone 285
Busheina, I. S.
—, Headridge, J. B., Johnson, D., Jackson, K. W., McLeod, C. W. and Roberts, J. A.
Determination of trace elements in gallium arsenide by graphite-furnace atomic absorption spectrometry after pretreatment in gas streams 87

Casey, H., see Worsfold, P. J. 43
Cavanaugh, J. R., see Hahn, E. C. 195
Chana, B. S.
— and Smith, N. J.
Urinary arsenic speciation by high-performance liquid chromatography/atomic absorption spectrometry for monitoring occupational exposure to inorganic arsenic 177
Chesney, D. J.
—, Tallman, D. E., Peckrul, A. A., Cook, L. W. and Fleeker, J. R.
Improved quantitation of 2,4-dichlorophenol in plant tissues by high-performance liquid chromatography with amperometric detection 159
Chipperfield, J. R.
— and Webster, D. E.
A simple automatic titrator based on a digital balance 373
Clinch, J. R., see Worsfold, P. J. 43
Colmsjö, A. L.
Cryogenic-temperature fluorescence spectroscopy of polynuclear aromatic hydrocarbons of molecular weight 328 65
Colmsjö, A. L.
Cryogenic-temperature fluorescence spectroscopy of polynuclear aromatic hydrocarbons of molecular weight 378 71
Cook, L. W., see Chesney, D. J. 159

Delves, H. T., see Fairhurst, J. 97
Demas, D. J., see Turley, T. J. 121
Dicks, J. M., see Muramatsu, H. 347

Ergan, F., see Boitieux, J. L. 229

Fairhurst, J.
—, Lloyd, B. and Delves, H. T.

Determination of selenium in human tissues by atomic absorption spectrometry 97
Fleeker, J. R., see Chesney, D. J. 159
Florence, T. M., see Zhang, M. 136
Floyd, T. A., see Bauer, B. 295
Freiser, H., see Taguchi, S. 333

Garbassi, F.
— and Occhiello, E.
Spectroscopic techniques for the analysis of polymer surfaces and interfaces 1
Garcia Sanchez, F.
—, Hernandez Lopez, M. and Marquez Gomez, J. C.
Isodifferential derivative approach to the spectrophotometric determination of nickel and cobalt mixtures 275
Gascoigne, A. J., see Bradshaw, S. 323
Groshemy, R., see Boitieux, J. L. 229
Guilbault, G. G., see Hahn, E. C. 195

Hahn, E. C.
— Suleiman, A. A., Guilbault, G. G. and Cavanaugh, J. R.
A piezoelectric crystal detector for determination of acetoin in air 195
Han, S. M.
—, Purdie, N. and Swallows, K. A.
Determination of the benzodiazepin-2-ones by circular dichroism 57
Harrington, P. B.
— and Isenhour, T. L.
A quantitative measure of the reliability of searches of spectral libraries 105
Haworth, D. T., see Pitluck, M. R. 339
Hayashi, C., see Yamaguchi, Y. 291
Hayashi, Y.
—, Zaitsu, K. and Ohkura, Y.
Assay for guanase in blood serum by flow injection analysis with fluorescence detection 51
Headridge, J. B., see Bradshaw, S. 323
Headridge, J. B., see Busheina, I. S. 87
Hernandez Lopez, M., see Garcia Sanchez, F. 275
Herold, D. A.
—, Savory, J., Kinter, M., Ross, R. and Wills, M. R.
Determination of urinary prostanoids by capillary gas chromatography/high-resolution mass spectrometry 149
Hojjatie, M., see Taguchi, S. 333
Hua, C.
—, Jagner, D. and Renman, L.
Determination of selenium by means of computerized flow constant-current stripping at carbon fibre electrodes. Application to human whole blood and milk powder 257
Hua, C.
—, Jagner, D. and Renman, L.
Determination of uranium(VI) in seawater by means of automated flow constant-current cathodic stripping at carbon fibre electrodes 265
Huber, C. O., see Hui, B. S. 361
Hui, B. S.
— and Huber, C. O.
Temperature effects on amperometric detection at nickel oxide electrodes in flow-injection systems 361

Isenhour, T. L., see Harrington, P. B. 105

Jackson, K. W., see Busheina, I. S. 87
Jagner, D., see Hua, C. 257, 265
Jaramillo, A., see Owens, D. S. 249
Johnson, C. M., see Owens, D. S. 249
Johnson, D., see Busheina, I. S. 87

Karube, I., see Muramatsu, H. 347
Kinter, M., see Herold, D. A. 149
Koopetngarm, J., see Alexander, P. W. 353
Krull, U. J.
Planar artificial biomembranes optimized for biochemical assay 203
Kuroda, N.
—, Nohta, H. and Ohkura, Y.
Room-temperature phosphorimetric determination of biogenic indole compounds adsorbed on a thin-layer chromatographic plate 169

Lloyd, B., see Fairhurst, J. 97
Low, G. K.-C.
—, Batley, G. E. and Buchanan, S. J.
An interference effect in the use of inductively-coupled argon plasma spectrometric detection for high-performance liquid chromatography 327

Marín, A.
—, Silva, M. and Pérez-Bendito, D.
Kinetic spectrophotometric determination of indium/gallium mixtures 77
Marquez Gomez, J. C., see Garcia Sanchez, F. 275

McKie, J. C.
Determination of total tin and tributyltin in marine biological materials by electrothermal atomic absorption spectrometry 303
McLeod, C. W., see Busheina, I. S. 87
Miyai, K., see Yamaguchi, Y. 291
Moffett, J. H., see Bradshaw, S. 323
Muramatsu, H.
—, Dicks, J. M. and Karube, I.
Integrated-circuit bio-calorimetric sensor for glucose 347

Narsito,
— and Agterdenbos, J.
A study of arsenic(III) and arsenic(V) reduction and of arsine decomposition in hydride-generation atomic absorption spectrometry 315
Nohta, H., see Kuroda, N. 169

Occhiello, E., see Garbassi, F. 1
Ohkura, Y., see Hayashi, Y. 51
Ohkura, Y., see Kuroda, N. 169
Owens, D. S.
—, Johnson, C. M., Sturrock, P. E. and Jaramillo, A.
Swept-potential oxidative detection in flow streams 249

Peckrul, A. A., see Chesney, D. J. 159
Pérez-Bendito, D., see Marín, A. 77
Pitluck, M. R.
—, Pollard, B. D. and Haworth, D. T.
Determination of stability constants of a copper/citric acid complex by ion-exchange chromatography and atomic absorption spectrometry 339
Pollard, B. D., see Pitluck, M. R. 339
Purdie, N., see Han, S. M. 57

Racek, J.
Lactate biosensor based on human erythrocytes 187
Renman, L., see Hua, C. 257, 265
Roberts, J. A., see Busheina, I. S. 87
Ross, R., see Herold, D. A. 149

Savory, J., see Herold, D. A. 149
Silva, M., see Marín, A. 77
Silver, G. L.
Operational method for slope estimations 129
Smith, N. J., see Chana, B. S. 177
Staden, J. F., van, see van Staden, J. F. 217
Sturrock, P. E., see Owens, D. S. 249
Suleiman, A. A., see Hahn, E. C. 195
Svensmark, B.
Staircase voltammetry as a rapid detection method for anodic stripping determination of lead 239
Swallows, K. A., see Han, S. M. 57

Taguchi, S.
—, Hojjatie, M. and Freiser, H.
Extraction of lanthanides with 8-quinolinol in the presence of 6-amino-4,4′-(5-nonyl)-2,2′-bipyridine 333
Tallman, D. E., see Chesney, D. J. 159
Thomas, D., see Boitieux, J. L. 229
Tungkananuruk, N., see Burns, D. T. 285
Turley, T. J.
—, Demas, J. N. and Demas, D. J.
Microcomputerized ultrahigh-speed transient digitizer and luminescence lifetime instrument 121
Tuzhi, P., see Wang, J. 367

Van Staden, J. F.
— and Wagener, C. C. P.
Flow-injection analysis with a coated tubular solid-state copper(II)-selective electrode 217

Wagener, C. C. P., see van Staden, J. F. 217
Walters, F. H.
Reversed-phase ion-pair separation of several weak organic acids found in urine 343
Wang, J.
— and Tuzhi, P.
Stripping voltammetry of trace metals in resistive solutions with mercury microelectrodes 367
Webster, D. E., see Chipperfield, J. R. 373
Wills, M. R., see Herold, D. A. 149
Worsfold, P. J.
—, Clinch, J. R. and Casey, H.
Spectrophotometric field monitor for water quality parameters. The determination of phosphate 43

Yamaguchi, Y.
—, Hayashi, C. and Miyai, K.
Spectrofluorimetric determination of 16α-hydroxyestrone by reaction with hexacyanoferrate(III) and arginine in alkaline solution 291

Zaitsu, K., see Hayashi, Y. 51
Zhang, M.
— and Florence, T. M.
A novel adsorbent for the determination of the toxic fraction of copper in natural waters 136